iP380 iP Phone

BLF icons and Message Light indication IP Phone

iP380 Front View

iP380 Back View

8 BLF icons (Busy extensions Indication) on LCD

Select and display FXO Line status via 8 BLF as Key Phone Set (KTS)

Message light indication (Ring, DND, No Answer call, voice mail)

LCD: 2 x 20 digits with 8 icons BLF display

Remote DTMF or Ring control Relay contacts to Open/Close

IPV6 and IPv4 Dual Stack simultaneously

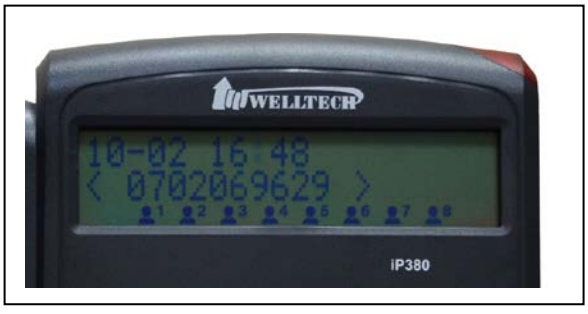
3 Lines Register to three SIP Servers

Auto Provision

Wall-mount installation without additional brackets

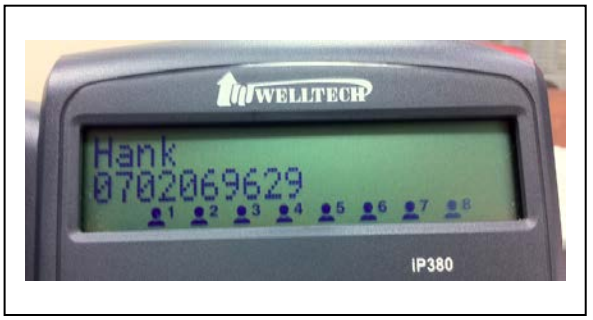
8 BLF icons on LCD display

iP380 provides BLF (Busy Lines/extensions status) with 8 icons on LCD display. It shows user name and phone number of this extension. Each iP380 can configure your favor or frequent call extension or desire FXO Line. By showing busy extension status via flashing BLF icons, it helps your office work increase efficiency.



Navigation Keys

iP380 provides Navigation Key (Up, Down, Left, Right) to Configure/View from LCD display along with OK (confirm change) and C (cancel and go back to previous page).



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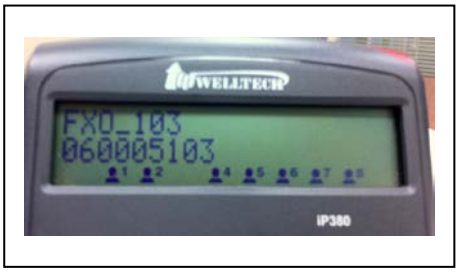
8 BLF icons work as Key Telephone Set (KTS)

iP380 can configures FXO Lines to BLF icons and work as KTS (Key Telephone Set). Each FXO Line busy status can be seen from BLF icons and can be selected desire FXO Line to dial.



Remote DTMF to control Relay Open/Close

Built-in Normal Open (NO) and Normal Close (NC) software control Relay, iP380 can work as Door Phone and drive Door Open control circuit by activating NO or NC Relay. Or, install at NOC (Network Operation Center) to control Server RESET or Power ON/OFF remotely. Or, Install at residential house for Home Automation control remotely.

Incoming Ring signal to Control Relay contacts Open/Close

In a noisy environment, You may not be able to hear incoming ring from iP380. It supports software controlled NC and NO Relay to activate external amplifier with desire sound and flash light to indicate there is incoming call at this phone set. Activate Siren and Strobe Light when incoming call arrives.

Wide range of message light View Angle

iP380 provides a Message Light Indication with 360 degree wide range view angle. You may see this light ON in a distance when you have Missed Call, incoming Ring, DND and Voice Mail.

Desktop view angle and Wall mount

iP380 can be installed on Desktop and Wall Mounted without additional brackets. The view angle on Desktop position can be adjusted from 30 to 75 degrees. Pull up handle to adjust desktop view angle. iP380 can install on wall by folding bracket and hang it with two screws.

Rich Telephony Features

iP380 is compatible with market available IPv4 and IPv6 SIP server or IP-PBX server (such as Welltech's IP-PBX 6200 series and Asterisk IP-PBX) with a variety of telephony features which are similar to legend digital PBX features and operational behaviors. iP380 provides flexible talking facility to switch among Handset, Hand free Phone and Headset ear phone and microphone for heavy phone call user. A smart and intelligent design is waiting for you to use it at both IPv6 and IPv4 address network world.

Management IP Phone is easier than before

iP380 support HTTP provision feature via MAC address. An unique MAC address profile at each iP380 IP phone was configured before installation. Those MAC addresses profiles were created at HTTP, FTP and TFTP server. It allows system manager to change each iP380 IP Phone configuration and firmware upgrade remotely.

WELLTECH
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SPECIFICATION

Interface:

Ethernet port (RJ-45, 10/100Base-T)
- 1-WAN port connect to Ethernet Switch
- 1-LAN port connect to Computer
- PoE (IEEE 802.3af) at WAN port : **iP380A only**

Earphone/Microphone Jack (3.5mm) for Headset:
Normal Open(NO), Normal Close(NC) Relay terminal:
- LAN port free two pairs wire.

Handset Jack (RJ-10)
DC 12V/1A power input Jack
LCD Display:
- Display Format: 20 Characters x 2 lines, icons x 8 pcs
- View Size: 99(W) x 24 (H) mm
- LCD Type: STN

LCD Language: **English and Portugal.**

IP Network connection

WAN: DHCP, PPPoE and Static IP
Dynamic DNS (DDNS)
VLAN on both WAN and LAN
VID (802.1Q/TAG): 3 to 4094
User Priority (802.1P): 0 to 7
Voice QoS Support
SIP QoS Support
DNS Client
VPN: VPN and L2TP
NTP Time Setting with Daylight Saving time
IPv4 (RFC 791), IPV6(RFC 2460)
IPv6 Auto Configuration (RFC 4862),
Static IPv6 Address, IPv6 in IPv4 Tunnel.
LAN: Bridge and Router(DHCP Server)
DMZ and MAC Clone Setting
MAC Address (IEEE 802.3)
TCP/UDP (RFC 793/768)
RTP/RTCP (RFC 1889/1890)
IPV4 ICMP (RFC 792), IPV6 ICMP(RFC 4443)
TFTP Client
HTTP/HTTPS Server
Support IPV4 only, IPV6 only or dual stack mode

SIP Protocol :

RFC3261 compliance
Support up-to 3 SIP Register Accounts (IPv4 and IPv6 are selectable)
Configure SIP port and RTP port
SIP UDP Protocol
Support SIP compact Form
SIP Session Timer (RFC 4028)
MD5 Digest Authentication
Reliability of provisional responses PRACK (RFC3262)
Early/Delay media support
Offer/answer (RFC3264)
Message Waiting Indication (RFC3842)
Event Notification (RFC3265)
REFER (RFC3515)
Support DNS SRV to locate SIP Server (RFC 3263)
Support STUN NAT Traversal
Support “rport” parameter (RFC 3581)
Configure user agent content
Send Flash Event: DTMF, SIP INFO, SIP INFO(digit)
Configure Encryption Type and key

Audio Codec :

G.711 A-law/μ-law, G.723
G.729A, G.726 (ADPCM), GSM
Silence Suppression
VAD/CNG
Automatic Gain Control
DTMF: In-band, Out of Band, RFC2833, SIP INFO.
Adaptive/Configurable Jitter Buffer up to 96 packets
Acoustic Echo Cancellation
Full-Duplex Speaker Phone
Volume Adjustment (Receiver and transmitter)

PREFERENCE:

Customized Idle Text
Clock, Daylight Saving, Call-timer
Call History of Missed, Received and Dialed
Dialing Plan
Digit Manipulation
Selectable Call Progress Tone
Support Personal Music Ring
Auto Answer Mode
Support Auto Priority (Auto Switch) Calling
Support Specified Line Calling

Call Features :

BLF x 8 icons with Name and Number
Caller ID display or inhibit
Voice Mail with Indication
Speed Dialing
Phone Book x 140 records
Flexible Dial Plan Setting – Drop Prefix and Replace Rule
Call Waiting/Switching between Calls
Call Forward (Busy, Unconditional, No Answer)
Hotline function
Alarm Time Setting
Auto Answer set up
Ring Timeout
Do not disturb
Call Hold
Call Mute
Call Transfer
Configure Tone: Dial Tone, Ring back Tone, Busy Tone, Congestion Tone, Ring Tone and Call Waiting Tone.
Music-on-hold support (via IPPBX or local)
Conferencing (3-way conference over phone)
Call Pickup (configure Code)

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Call Park/Retrieve (via IPPBX)
Voice Broadcasting (via IPPBX)
Redialing/**pre-dialing**
Support Peer to Peer Dialing
Reject Anonymous call

Software control Relay features :
Configure to Normal Open(NO) or Normal Close(NC) Relay Activate by NO or NC
Remote RFC2833 DTMF activate Relay contacts Open/Close
Incoming Ring to activate Relay contacts Open/Close.
Relay contact specification: 1A at 250V

MANAGEMENT :
Multilanguage Web User Interface
Administrative Telnet CLI Login
3 Levels of User Access Right with Password protection
LCD Administration Login
Provides System Status
Diagnostics via syslog with different log type
LAN port bandwidth limitation
Configuration Backup/Restore
Reset to Default
Auto Provision via TFTP, HTTP and FTP with Schedule
Auto update firmware via TFTP, HTTP and FTP with Schedule
Firmware upgrade via webpage
Disable WAN port management
Configure WEB Login port (default is 9999)
TR-069 (Option)

Environmental :
Physical Dimension: 190(W) × 90(D) × 210(H) mm
Weight: 1.1kg (One unit with packing)
Single pack dimension: 225x195x115 mm
Operating Temp. & Humidity
- Temp.: 0°C~45°C (32°F~113°F)
- Humidity: 10%~90% relative humidity, non-condensing

Power Adaptor:
- INPUT: AC100V~240V, 50/60Hz
- OUTPUT: DC 12V, 1.0A

Power Consumption of PoE : 5.5 Watts

Approvals:
CE, FCC, LVD and RoHS

Country of origin:
Made in Taiwan

Packing Accessories

iP389 IP Phone	x 1 pcs
Handset	x 1 pcs
AC to DC12V Power adaptor	x 1 pcs
Screw to fix foot plate	x 1 pcs
CD User Manual	

Warranty
One year

Ordering Information:

	iP380	iP380A
PoE	NO	YES
IPv6/IPv4	YES	YES
Handset and Hand-Free	YES	YES
Headset and Ear phone	YES	YES
Wall Mount	YES	YES
Delivery Status	NOW	NOW

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